

C.I. AC 44462 M.
COUNTY
BOROUGH



OF GREAT
YARMOUTH.

URBAN & PORT SANITARY
AUTHORITY.

Annual Report
OF THE
Medical Officer of Health
For 1935.

Great Yarmouth :

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TO THE CHAIRMAN AND COUNCILLORS OF THE GREETLAND
URBAN DISTRICT COUNCIL,

Gentlemen.

I have the pleasure of bringing to your notice my Annual Report on the Health and Sanitary Conditions of the District for the year ending December, 1920.

SOCIAL CONDITIONS

remain largely satisfactory. A large number of those who have been serving in His Majesty's Forces have returned to the District and conditions were rapidly becoming more normal until the falling off in trade during the latter part of the year. This had not yet become serious enough to affect the general health of the District by the end of the year. No trade or occupation in the district appears to have any deleterious effect on the health of the people.

The Population of Greetland in the Census of 1911 was 4,490, and for statistical purposes is now estimated at 4,570.

The year has been unusually wet, during the summer especially.

WATER SUPPLY.

The Water Supply has remained as usual, satisfactory, of good quality, and is not responsible for any cases of illness.

Rivers and Streams

are under the control of the West Riding Rivers Board.

DRAINAGE AND SEWERAGE

are satisfactory and efficient, and no complaint has been made against them. There have been no fresh developments.

CLOSET ACCOMMODATION.

The conversion to the Water Carriage System is being proceeded with. 9 privies having been converted to W.C.'s during the year.

SCAVENGING is carried out by the Council's employees, and is quite satisfactory. Sanitary inspection of the district is carried out by the Sanitary Inspector.

SCHOOLS.

The condition of the Schools is satisfactory. During the early part of the year it was found necessary to close the West Vale School owing to the prevalence of Whooping Cough and Measles.

FOOD.

Milk is mostly obtained from surrounding districts. It appears to be of good quality and the supply is adequate. No illness of a serious nature has arisen from any other food. All shops and places where food is dealt with appear to be clean and sanitary.

Chemical and Bacteriological.

Good use is made of this department of the West Riding County Health Office. Our thanks are due to them for their prompt attention to all requests.

PREVALENCE OF AND CONTROL OVER ACUTE INFECTIOUS DISEASES.

I append a table showing the list of cases notified during the last three years :—

		1920	1919	1918
Diphtheria	..	21	2	0
Erysipelas	..	3	5	0
Scarlet Fever	..	6	6	5
Enteric Fever	..	0	2	1
Influenza pneumonia		6	3	0
Pneumonia	..	19	7	0
Malaria	.. ..	3	6	0
Dysentery	..	1	1	0
Ophthalmia Neonatorum		1	1	1
Tuberculosis of the Lungs		9	11	4
Other forms of Tuberculosis		1	6	0
Puerperal Fever	..	1	0	0

It will be seen from the table that there has been a large increase in the number of notifications of Diphtheria. Three cases of Diphtheria were removed to Hospital. There were two deaths from Diphtheria, one directly and one indirectly.

In all cases the usual precautions of isolation and disinfection were carried out.

No definite cause of the origin of these cases was discovered. An examination of milk supplied was found to be negative. The cases occurred at intervals from March to December, and no doubt

were directly transmitted from one to another. During December there seemed to be a termination in their regular occurrence, and it was hoped that the intervention of the holidays, the cleaning and disinfection of the Schools would have a beneficial effect.

Throughout the year there has been a great prevalence of Sore Throats both among children of school age and amongst adults. Two cases of Scarlet Fever were removed to Hospital. Diphtheria Antitoxia is supplied to all wishing for it and appears to be generally used,

Prevalence and Control of Tuberculosis.

There were nine cases of Pulmonary Tuberculosis notified during the year, and one other form.

The Notifications this year include three old standing cases which were found not to be included in the register. Therefore the number of fresh cases of Tuberculosis is really only six.

Most of the cases attend the Sowerby Bridge Dispensary and there receive treatment and instruction in matters relating to the prevention of the spread of Tuberculosis.

Owing to the shortage and difficulty of obtaining fresh houses it has not been possible to take any steps to improve the conditions under which some of the cases are living, but it is hoped that as soon as there becomes more accommodation, that a more suitable environment may be found for some of them.

I should again like to point out the inconvenience for patients to journey to Sowerby Bridge for treatment at the Dispensary.

HOUSING.

There is no doubt that more houses are required and it is to be regretted that up to the present it has not been found possible to make any visible progress in this matter,

I append a Table giving the chief statistics relating to the general Housing conditions.

VITAL STATISTICS.

Births.—

The total Births registered in the District was 65 as against 48 in 1919, and 50 in 1918, giving a rate per 1,000 of 14·2 as against a rate of 10·4 in 1919, and 10·68 in 1918.

The rate per 1000 for England and Wales was 25·4 in 1920, and 18·5 in 1919.

The total illegitimate births was 5, against 4 in 1919,

Deaths.—

The total number of deaths during the year was 51. I attach below the table showing the main causes of death.

The Death rate for England and Wales was 12·4 in 1920, and 13·8 in 1919. The Death rate for Greetland in 1920 was 11·1, and 12·9 in 1919.

Infantile Mortality.

There was only one death under one year as against three last year, giving a rate of 15·3 per thousand births as against a rate of 62·5 per thousand births in 1919 and 140 in 1918.

There is no doubt the visiting of mothers by the W. R. visitors is a very useful way of helping mothers in the care of their infants.

Causes of Death.

	M.	F.	Total.
Whooping Cough ..	1	1	2
Diphtheria and Croup ..	0	2	2
Influenza	2	2	4
Pulmonary Tuberculosis	0	1	1
Cancer, malignant disease	2	3	5
Organic Heart Disease ..	5	2	7
Bronchitis ..	3	4	7
Pneumonia ..	2	0	2
Cirrhosis of Liver ..	1	0	1
Nephritis & Bright's Disease	2	1	3
Puerperal Fever ..	0	1	1
Congenital Debility ..	0	1	1
Other Defined Diseases ..	11	4	15
Total 51.	29	22	51

GENERAL.

It is a pleasure to note the formation of the Greetland District Nursing Association, and it is to be regretted that up to the end of the year no Nurse was available.

I should like to take this opportunity of pointing out the desirability of impressing upon people the need for care of the teeth and especially the need for educating the children in this respect both at home and elsewhere.

I have the honour to be, Gentlemen,

Your obedient servant.

HAROLD N. INGHAM.

HOUSING CONDITIONS.

STATISTICS.—Year ended 31st December 1920,

1.—GENERAL.

- (1) Estimated population 4570.
- (2) General death-rate 11·1
- (3) Death-rate from Tuberculosis 21.
- (4) Infantile Mortality 15·3
- (5) Number of Dwelling Houses of all classes 1119.
- (6) Number of Working-class Dwelling Houses 1090.
- (7) Number of new Working-class Houses erected 0.

2.—UNFIT DWELLING HOUSES.

I.—Inspection.

- | | |
|---|----|
| (1) Total number of Dwelling Houses inspected for housing defects (under Public Health or Housing Acts ... | 59 |
| (2) Number of Dwelling Houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910 | 11 |
| (3) Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 0 |
| (4) Number of Dwelling Houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation .. | 0 |

II.—Remedy of Defects without Service of formal Notices,

Number of Defective Dwelling Houses rendered fit in consequence of informal action by the Local Authority or their officers, 66

III.—Action under Statutory Powers.

A. *Proceedings under section 28 of the Housing, Town Planning, etc. Act, 1919.*

- | | |
|---|---|
| (1) Number of Dwelling Houses in respect of which notices were served requiring repairs | 5 |
| (2) Number of Dwelling Houses which were rendered fit— | |
| (a) by owners | 5 |
| (b) by Local Authority in default of owners ... | 0 |
| (3) Number of Dwelling Houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close | 0 |

B. *Proceedings under Public Health Acts.* None.

C. *Proceedings under sections 17 and 18 of the Housing, Town Planning, etc. Act, 1919.* None

3.—UNHEALTHY AREAS.—None.

TABLE C.

Water Supply.

Developments during 1919. None.

Any insufficiency, and where? None.

Any action in regard to unsatisfactory quality, and where? None.

Drainage and Sewerage.

Any developments during 1919? None.

Developments still needed as to (a) Want of sewers, None.

(b) Improvement of defective sewers, None.

Any inadequacy of Sewage Disposal Works or complaints as to smells? None.

Are there any sink-wastes still needing disconnection? Very few.

Closet Accommodation.

No. of Privies with open middens, 4.

No. of Pail or Tub Closets 387.

No. of Privies with covered middens, 4.

No. of Water Closets 508. Waste-water Closets, none.

No. of Privies re-constructed during 1919 as (a) W.C.'s, 9,
(b) others, none.

No. of *additional* Closets provided for old property in 1919.
(a) W.C.'s, 2, (b) other, none.

No. of Closets constructed in 1919 for new houses (a) W.C.'s, 0.
(b) other, 0.

Scavenging.

How is refuse disposed of (a) Destructor, None.

(b) Tips,—Dry Ashes. (c) Farmers,—Privy Middens,

Total annual cost £360.

Is there any inadequacy, and where? No.

Any change during 1919? No.

Nuisance Inspections.

Total No. of Inspections made in 1920, 248.

Informal Notices served, 38. Complied with, 33.

Statutory Notices served. 4. Complied with, 4.

Total No. of Nuisances in hand at close of 1919, 1.

At close of 1920, 5.

Total No. of Nuisances reported during 1920, 59.

Abated during 1920, 55.

Total No. of Summonses or other legal proceedings, 0.

Have the Council declared any other processes to be offensive trades, *e.g.*, Fish-frying, Maggot-breeding, etc.? No.

Schools.

Schools were visited on several occasions, and it was not found necessary to take any further action,

Milk Supply.

No. of samples taken by Officers of S.A. for analysis under F. & D. Acts, 1. No. adulterated 0.

No. of samples taken by Officers of S.A. for bacteriological examination, 1.

What arrangement for Veterinary Inspection of dairy cows? None.

Any instance of disease attributed to milk in 1920? No.

No. of Cowkeepers in district. 9. No. registered, 9.

No. of Milk Sellers who are also Cowkeepers, 9. No. who are Purveyors only, 0. Total No. registered, 0.

Total No. of Cowsheds, 9. No. of Inspections in 1920, 16.

General Condition, fair. Approximate No. of Milch Cows in District, 50. Any insufficiency in Milk Supply? No.

Legal proceedings under D.C.M. Orders, None.

Any Inspection or other action by Districts to which Milk is sent? No.

Milk (Mothers and Children) Order 1919. Any action? No.

Other Foods.

No. of samples (other than Milk) taken by Officer of S.A. for examination under the Food and Drugs Acts. None.

No. adulterated None.

No. of seizures of unsound food. None. No. of Prosecutions, None.

No. of Slaughter houses, 3. No. Licensed, 3.

Kind and Condition, Private, Fair.

No. of Prosecutions (*a*) Food and Drugs. None.

„ „ (*b*) Unsound Food None.

„ „ (*c*) *re* SlaughterHouses None.

No. of Bakehouses 2. Is there a Public Abattoir? No.

Factories and Workshops.

Any Smoke nuisance, and where? One case only (Ellistone's Dye-work) now abated by means of mechanical appliances

No. of Smoke observations taken, 5. No. of Cautions, 2.
Legal Notices, 0. Summonses, 0.

Adoptive Acts Acts adopted during 1920, None,

Bye laws and Regulations. Any adopted or revised during 1920 No.

Infectious and other Diseases.

What Diseases have been specially prevalent in 1920 ? Diphtheria,
Any Diseases specially added to notifiable list ? No.
Any influenecs threatening the health of the District, No,

Special Reports and Investigations. None.

Tuberculosis

Inspection of Patients, By Sanitary Inspector.
Examination for contacts, None, Disinfection. Yes,
Distribution of Advice Leaflets, Advice given verbally or from the
Dispensary.
Action re spitting, Advice given. Shelters provided, None.
Is sputum examined ? Yes.
Tuberculosis Dispensary—Any suggestions ? Sowerby Bridge is in-
convenient for this District.

Bacteriology.

Is County Laboratory utilized ? Yes.

Infant Mortality.

What organised effort to control it. None, except the County
Visitors.
Any Voluntary Centres for Child or Mother Welfare. No.
Causes of any excessive Infant Mortality in 1920. None.

Vital Statistics.

BIRTHS during 1920—Males 30, Females 35. Total 65
No. illegitimate included in above 5.
No. of Still Births (not included) None.
DEATHS during 1920—(1) Gross Deaths, *i.e.*, Total actually registered
in the District 49. (2) Nett Deaths on which the rates are
calculated, Males 29. Females 22.
No. of uncertified deaths (included above) None.

Mortuaries.

What Mortuary accommodation (a) for accidents. None.
(b) for infectious eases other than at Hospital. None.

Sanitary Staff.

What is the present Annual Salary of the M.O.H. £50.
Name of Sanitary Inspector. J. H. Robinson.
Annual Salary as Inspeector, £160.
Other appointments held, Water Inspector. Salary £90.
Any Assistants, No. Is Staff sufficient, Yes.

SUMMARY OF HOUSING WORK FOR 1920.

Houses with defects not disposed of at end of 1919.

Houses with minor defects (Public Health Acts) 10.

Houses inspected under the Act and regulations in 1920, 11.

Houses found satisfactory on inspection, 1.

Action under (Section 15) 1909 or (Section 28) 1919.

Houses found not reasonably fit for human habitation. 5.

Houses for which notices were given to execute works, 5.

Houses in respect of which notices were satisfactorily
complied with, 5.

Action under P.H. Acts in cases of houses with minor defects not remediable under (Section 28) 1919.

Houses found with defects, 59

Houses made fit after preliminary notice, 66.

Houses with defects not disposed of at end of 1920.

Houses with minor defects (Public Health Acts) 3.

Other Action in Regard to Housing.

Total number of Houses in District, 1119.

Number of Working-class Houses, 1090.

General standard compared with that of the Ministry of Health in
Manual Vol. I., 1919. Standard not up to that of the Ministry
of Health according to Manual 1919, (1) as regards number to
acre, (2) Bedroom accommodation.

Obstructive Buildings.—Any building represented by M.O.H. under Sec.
38 (1) of 1890 Act. No.

Any building represented by Inhabitant Householders under Sec.
38 (2) of 1890 Act. No.

Unhealthy Areas—Any representations under part I. or II of the 1890 Act.
If so give particulars. None.

Re-construction Schemes.—Have L. A. directed any to be prepared under
Section 39 of 1890 Act. No.

Unfit Houses—Any complaints by Inhabitant Householders under Section
31 of 1890 Act. No. Any complaints by Parish Council under
Sec. 6 (2) of the Local Government Act, 1894. No.

Any action by Public Utility Societies. No.

„ „ under Small Dwellings Acquisition Act, 1899. No.

Any scarcity of Houses, if so, where. More Houses required generally.

Any overcrowding of persons in Houses, and where. To a certain ex-
tent owing to lack of houses.

No. of cases of overcrowding dealt with during 1920. None.

Any special activity in House building and where. No.

No. of New Houses built during 1920. (a) Working class dwellings, None.
(b) Other, None.

STATE-AIDED HOUSING SCHEME.

Has Scheme been submitted as required by Section 1 of 1919 Act,

Yes. Estimated need for, 50 houses. Scheme for 50 houses.

SITES.—Applications submitted : No., 1. Acreage 13.

LAY-OUTS.—Submitted, 1.

Any regulations made in respect of underground sleeping room under
(Sec. 17, 7) 1909, None.

TOWN PLANNING.

Any scheme prepared during 1920, if so give details. None.

Any scheme contemplated. No.

Name and address of Officer designated to make inspections under Article
II. of Housing (Inspection of District) Regulations, 1910,—
J. H. Robinson, Clay House Lane, Greetland.

H. N. INGHAM,

April 16th, 1921.

Medical Officer of Health.

GREETLAND
URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE
SANITARY INSPECTOR

FOR
1920.

To the Chairman and Members of the Greetland
Urban District Council.

April, 1921.

Gentlemen,

I have the pleasure to submit to you my 17th Annual Report on the work of the Health Department, for the Year ended December 31st, 1920.

SUMMARY OF WORK CARRIED OUT.

Total number of Inspections by Inspector	...	...	248
Visits to Dwelling houses re Infectious Disease	...	...	68
Inspections of Drainage Work in Progress	...	...	96
Nuisances Reported	...	.....	59
Nuisances in hand December 31st, 1919	...	...	1
Nuisances abated during 1920	...	...	55
Intimation Notices served	..	...	38
Statutory Notices served	...	...	4
Smoke Observations taken	...	...	5
Midden Privies altered to Water-Carriage	...	...	22
Tub Closets altered to Water-Carriage	...	...	13
Ash Bins to substitute Middens	...	...	19
Insanitary Wall Drains abolished	...	...	2
Defective Drains taken up and relaid	...	...	21

NUISANCES DEALT WITH.

Accumulations of Manure and Offensive Matter	...	7
Defective Spouting and Defective House Drains	...	46
Untrapped and Defective Sink Waste Pipes	..	6
Smoke Nuisance	..	1
Defective Closets and Ash Pits	..	44
Foul Privy Middens	..	9
Dirty Dwelling-houses	..	2

INFECTIOUS DISEASES.

30 cases of Infectious Disease were notified during the year.
3 cases of Diphtheria and 2 cases of Scarlet Fever were removed to Hospital
and the rest were efficiently isolated in their own homes.

The cases were as follows—

Diphtheria	...	21 cases.
Scarlet Fever	..	6 „
Erysipelas	..	3 „

DISINFECTION.

38 Rooms have been sprayed and fumigated with Formalin after the recovery or removal of cases of Infectious Disease. 2 Dwelling houses were thoroughly fumigated with Sulphur on account of their dirty and verminous condition.

CLOSET CONVERSIONS.

Progress is being made in Closet Conversions. There are now only 8 Privy Middens remaining in the district, and of these 4 are out of reach of the Council's Sewers and the rest have received Intimation Notices to convert to the Water Carriage System.

The following Table may be of interest :—

CLOSET ACCOMMODATION.

Jan. 1920.		Jan. 1921.	
Tub Closets	400	Tub Closets	387
Water Closets	473	Water Closets	508
Privy Middens	17	Privy Middens	8

FACTORIES AND WORKSHOPS.

Number of Workshops on the Register	66
Number of Visits to Workshops	10
Number of Visits to Factories	8
Notices received from H.M. Inspector	1

As a result of Inspections 3 Workshops were thoroughly cleaned and limewashed.

SLAUGHTER-HOUSES AND COW-SHEDS.

There are 3 Slaughter-houses and 9 Cowsheds in the Council's District. These have all been visited and found to be in fair Sanitary condition.

SEWAGE DISPOSAL WORKS.

The Works still continue to give satisfactory results. 200 tons of Sludge have been recovered and disposed of to farmers for use as manure upon the land.

J. H. ROBINSON,
Inspector of Nuisances.